

California Regional Water Quality Control Board
North Coast Region

Monitoring and Reporting Program Order No. R1-2008-0069

FOR

Mr. Albert E. Tordjman
Tordjman Property

1480 Road B, Miranda

HUMBOLDT COUNTY

This Monitoring and Reporting Program (MRP) is issued pursuant to California Water Code Section (CWC) 13267(b) and requires monitoring of surface water, groundwater and soil, and submission of technical reports. The objective of monitoring conducted under this monitoring program is to provide the Discharger and the Regional Water Board with information concerning concentrations and the extent of diesel contamination in Hacker Creek, and at the site of the spill, located at 1480 Road B, Miranda, in Humboldt County.

Under the authority of CWC section 13267, the Discharger named above is required to comply with the following:

MONITORING

1. Monitoring shall be conducted at each sampling location(s) daily through May 30, 2008, and weekly thereafter until notified by the Regional Water Board to cease sampling. Surface water/groundwater and soil sampling locations shall be determined by a California registered civil engineer or professional geologist experienced in surface water, soil, and groundwater investigations and remediation. Surface water/groundwater and soil sampling locations shall be selected based upon the criteria specified in No. 2 below.
2. Monitoring shall include surface and subsurface soil and water/groundwater samples in the spill area, any downslope locations of spill seepage from the hillslope, combined with photo point monitoring. The sampling locations shall target the areas of visible sheen, odors, free product, or other evidence of contamination in the spill area and in Hacker Creek and/or in any areas where recovery systems are used, subsurface groundwater, and areas of seepage from the hillslope leading into Hacker Creek. Sampling points shall include locations needed to determine the downstream extent of contamination. Monitoring of observed areas of soil staining along the banks of the Hacker Creek shall also be conducted.
3. The Discharger shall identify and map the monitoring locations, including Hacker Creek and associated hillslope areas, upstream, downstream and adjacent site sampling points to ensure comprehensive monitoring of the spill area. The discharger shall provide a scaled map depicting sampling locations.
4. Samples shall be analyzed for total petroleum hydrocarbons (TPH) as diesel with and without silica gel cleanup, TPH as motor oil, and TPH as gasoline using EPA method 8015; and benzene, toluene, xylenes, and ethylbenzene, and fuel

oxygenates using EPA method 8260 or equivalent, reporting the full analyte list. Analyses shall be performed at a state-certified laboratory. Analytical methods for sample analyses shall achieve practical quantification reporting limits adequate to assess compliance with numeric water quality objectives. If fuel oxygenates, TPH as gasoline, and TPH as motor oil are not detected in the first sampling event, sampling and analyses for these constituents may cease.

REPORTING

1. The Discharger shall provide to the Executive Officer by May 27, 2008 the scaled map depicting the monitoring locations, including the Hacker Creek and associated hillslope areas, upstream, downstream and adjacent site sampling points to ensure comprehensive monitoring of the spill area.
2. All soil, and water/groundwater sample analyses collected through May 30, 2008, shall be submitted to the Executive Officer no later than June 6, 2008. The analytical results for soil and water samples collected before May 27, 2008 shall be submitted to the Executive Officer by May 30, 2008.
3. Sample analyses collected after May 30, 2008 shall be provided to the Regional Water Board upon receipt from the certified laboratory but no later than weekly from the laboratory's reporting date. If results show that target constituents are not detected, the Discharger may request the Executive Officer to approve cessation or reduced frequency of sampling. Monitoring reports shall include sampling methods, locations, photos, field logs, chain of custody, maps, and sampling data for target constituents presented in tabular form. All reports shall be submitted to this office in accordance with the following schedule:

Reporting Period

Due Date

May 31, 2008 - June 13, 2008

Weekly from the Laboratory's
Report Date

June 14, 2008 to cessation

As ordered by the Executive
Officer

Ordered by: _____
Catherine Kuhlman
Executive Officer

May 23, 2008